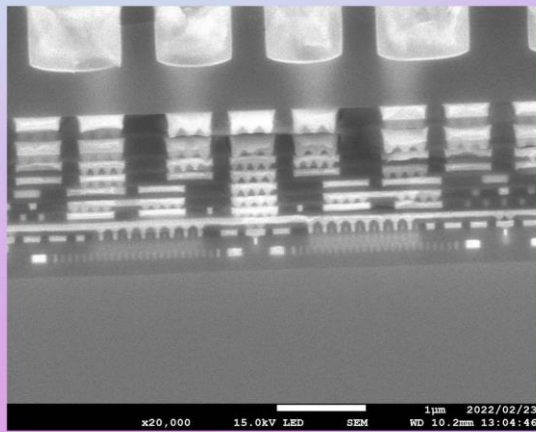


IoT device analysis gPBL (International Internship on Electronic Engineering 7)

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
Feb 09 ~Feb 24, 2022	Japan	King Mongkut's University of Technology Thonburi	<ul style="list-style-type: none"> Department of Electronic Engineering Department of Electrical Engineering Undergraduate 1st grade Undergraduate 2nd grade Undergraduate 3rd grade Undergraduate 4th grade 	(SIT) Students 11, Student Staff 1, Professor 3 (King Mongkut's University of Technology Thonburi) Students 10, Professor 2	UENO Kazuyoshi(Department of Electronic Engineering) YOKOI Hideki(Department of Electronic Engineering) ISHIKAWA Hiroyasu(Department of Electronic Engineering)

Flash memory(A73) as seen by SEM ①



Saw something that looked like wiring.
Similar to the image from the arrow direction.

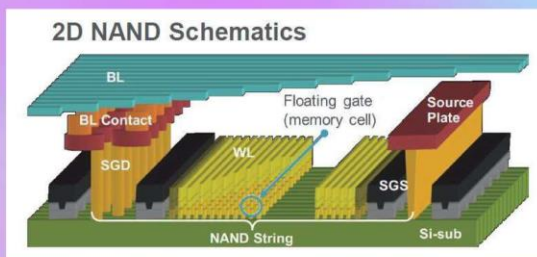


Image1 Green team

The purpose of this gPBL is to investigate the implementation of electronic devices such as IoT and related technologies in our society. The gPBL was held by KMUTT and SIT. This year, four groups were made, which was constructed with a few KMUTT students and a few SIT students. Each group selected one electronic appliance and broke it down into parts. During dismantling and analysis, KMUTT and SIT students discussed what kind of devices (electronic devices, photonic devices, etc.) and the related technologies were implemented, and what kind of technologies would be required in the future. At the end of the gPBL, each group gave a presentation.

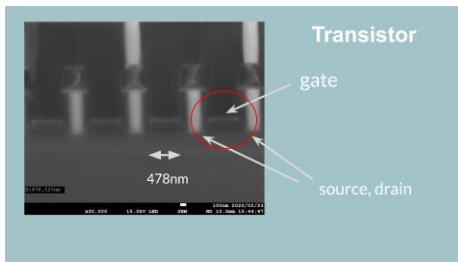


Image2 Blue team

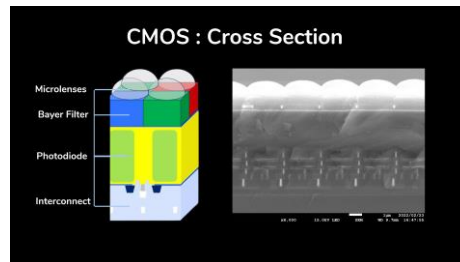


Image3 Yellow team

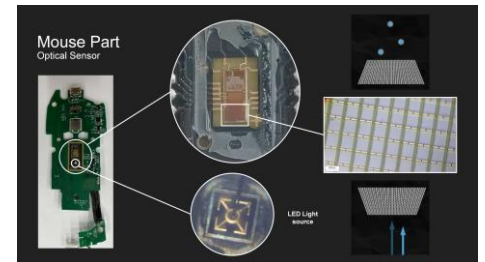


Image4 Red team